

PATENT MID-38 CON DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION: Hohlfelder et al

Serial No.: 10/618,899

Art Unit: 3763

Filed: July 14, 2003

Examiner:

For: DENTAL ANESTHESIA SYRINGE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Information Disclosure Statement

Enclosed pursuant to 37 CFR 1.56 are PTO form 1449 and a copy of each reference cited therein.

Respectfully submitted,

Douglas J. Hura

Patent Counsel Reg. No. 33249

DENTSPLY International Inc. 570 West College Avenue York, PA 17405-0872 (717) 849-4466

Enclosures

April 6, 2004

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Mail Stop ______Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

on April 6, 2004

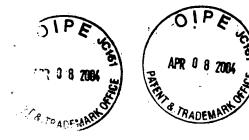
Signature

Typed of printed name of person signing certificate

04/08/2004 WABRHAM1 00000073 040780 10618899

01 FC:1806

180.00 DA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION: Hohlfelder et al

Serial No.: 10/618,899

Art Unit: 3763

Filed: July 14, 2003

Examiner:

For: DENTAL ANESTHESIA SYRINGE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

FEE LETTER

Please charge Deposit Account No. 04-0780 the amount of \$180.00 for the surcharge due for submitting the Information Disclosure Statement under 37 CFR 1.17(p).

Please charge any other fee(s) due on the above captioned patent application, and/or credit any overpayment to Deposit Account No. 04-0780.

This letter is submitted herewith in triplicate.

Respectfully submitted,

Douglas J. Hura

Patent Counsel Reg No. 33249

April 6, 2004

Address of signer:

DENTSPLY International Inc. 570 West College Avenue York, PA 17405-0872 (717) 849-4466

				Sheet 1 o	L 11
FORM	PTO-1449 MODIFI	ED	Case No.	Serial	No.
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)			MID-38 CON DIV	10/6	18899
U.S. Departme	ent of Commerce				
	()	PR 0 8 2004)	Applicant: Hohlfe	lder et a	1
	A REAL	TRADENAME SE	Filing Date July 14, 2003	Group	
		U. S. PATE	ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name	Class	Subclass
	3,155,090	11/64	Holter	128	2
	3,395,704	8/68	Frey et al	128	218
	3,415,419	12/68	Jewett et al	222	76
	3,456,649	7/69	Jewett	128	214
	3,623,474	11/71	Heilman et al	128	2R
	3,631,847	1/72	Hobbs II	128	2R
	3,674,009	7/72	Williamson	128	2A
	3,701,345	10/72	Heilman et al	128	2R
	3,720,211	3/73	Kyrias	128	218A
	3,811,408	5/74	Thompson	118	73
	F	OREIGN PAT	ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Country	Tran YES	slation NO
	0 293 958	7/91	EP		In English
	89/11310	11/89	World		In English
	93/02720	2/93	World		In English
	99/11307	3/99	World		In English
	99/27984	6/99	World		Х
	OTHER FRIOR ART (Including Author	, Title, Date, Pertinent Pages, E	tc.)	
		-			
EXAMINER			DATE CONSIDERED		

	•		Sheet 2 of 11		
FORM PTO-1449 MODIFIED			Case No.	Serial	No.
List of Patents and Publications Cited by Applicant			MID-38 CON DIV	10/6	18899
(Use several	sheets if neces	ssary)			
	ent of Commerce rademark Office				
racene and r	rademark Office		Applicant: Hohlfe	lder et a	1
			Filing Date July 14, 2003	Group	
		U. S. PAT	ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name	Class	Subclass
	4,024,864	5/77	Davies et al	128	214F
	4,108,177	8/78	Pistor	128	218A
	4,191,187	3/80	Wright	128	218A
	4,196,730	4/80	Wilson	128	214
	4,269,185	5/81	Whitney et al	128	214F
	4,273,122	6/81	Whitney et al	128	218A
	4,282,872	8/81	Franetzki et al	128	213R
	4,308,866	1/82	Jelliffe et al	128	214E
	4,326,517	4/82	Whitney et al	128	214F
	4,333,457	6/82	Margulies	128	218R
	FC	OREIGN PA	TENT DOCUMENTS		
Examiner Initial	Document No.	Date	Country	Tran: YES	slation NO
		-			
<u> </u>					
	GTHER PRIOR ART (Including Auth	or, Title, Date, Pertinent Pages, E	(c.)	
				<u></u>	
				<u> </u>	
		· · · · · · · · · · · · · · · · · · ·			
					
EXAMINER			DATE CONSIDERED		
	f rafararea persinaran	atian an ear o	itation is in conformance with MPEP	505. Ferri 14 :	* h = mak = 11

				eet 3 of	11
FORM	PTO-1449 MODIFI	ED	Case No.	Serial	No.
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)			MID-38 CON DIV	10/6	18899
U.S. Departma	ent of Commerce	1,			
racent and I	rademark Office		Applicant: Hohlfeld	l der et a	1.
			Filing Date	Group	
			July 14, 2003	Group	
		U. S. PAT	ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name	Class	Subclass
	4,342,311	8/82	Whitney et al	128	214F
	4,346,707	8/82	Whitney et al	128	214F
	4,381,777	5/83	Garnier	604	188
	4,424,720	1/84	Bucchianeri	74	89.15
	4,435,173	3/84	Siposs et al	609	155
	4,529,401	7/85	Leslie et al	604	131
	4,544,369	10/85	Skakoon et al	604	155
	4,551,133	11/85	Zegers de Beyl etal	604	66
	4,585,439	4/86	Michel	604	155
	4,613,328	9/86	Boyd	604	156
	FC	DREIGN PAT	TENT DOCUMENTS		
Examiner Initial	Document No.	Date	Country	Translation YES NO	
	OTHER PRIOR ART (including Author	r, Title, Date, Pertinent Pages, Etc.)	
				<u>-</u>	
EXAMINER			DATE CONSIDERED		
*EXAMINER: Initial if if not in conformance	reference considered, whe and not considered. Inclu	ther or not cit	ation is in conformance with MPEP 60 form with next communication to app	9; Draw line :	through citation

				neet 4 of	: 11
FORM	PTO-1449 MODIFI	ED	Case No.	Serial	No.
List of Patents and Publications Cited by Applicant			MID-38 CON DIV	10/6	18899
	sheets if neces	ssary)			
U.S. Departme Patent and Tr	ent of Commerce cademark Office	٠.			
	oddinarii orrico		Applicant: Hohlfel	lder et a	1
· ,			Filing Date July 14, 2003	Group	·
	[J. S. PAT	ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name .	Class	Subclass
	4,617,016	10/86	Blomberg	604	155
	4,627,835	12/86	Fenton, Jr.	604	67
·	4,634,431	1/87	Whitney et al	604	155
	4,648,872	3/87	Kamen	604	155
	4,652,260	3/87	Fenton, Jr. et al	604	67
	4,668,220	5/87	Hawrylenko	604	155
	4,719,825	1/88	LaHaye et al	81	9.22
	4,731,058	3/88	Doan	604	155
	4,741,732	5/88	Crankshaw et al	604	50
	4,747,824	5/88	Spinello	604	51
	FC	REIGN PAT	TENT DOCUMENTS		
Examiner Initial	Document No.	Date	Country	Trans YES	slation NO
	OTHER PRIOR ART (factuding Author	r, Title, Date, Pertinent Pages, Et	c.)	
EXAMINER			DATE CONSIDERED		

				Sheet 5 of	11
FORM	PTO-1449 MODIFI	ED	Case No.	Serial	No.
Cit	nts and Publicat eed by Applicant sheets if neces		MID-38 CON DIV	10/6	18899
U.S. Departme	ent of Commerce				
Patent and T	rademark Office		Applicant: Hohlfe	ldor of a	1
					L
•			Filing Date July 14, 2003	Group	
			ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name	Class	Subclas
	4,767,406	8/88	Wadham et al	604	155
	4,787,893	11/88	Villette	604	188
	4,790,823	12/88	Charton et al	604	136
	4,804,368	2/89 .	Skakoon et al	604	155
	4,838,857	6/89	Strowe et al	604	67
	4,854,324	8/89	Hirschman et al	128	655
	4,919,650	4/90	Feingold et al	604	67
	4,931,041	6/90	Faeser	604	155
	4,952,205	8/90	Mauerer et al	604	67
	4,959,056	9/90	Dombrowski et al	604	186
	FC	REIGN PAT	TENT DOCUMENTS		
Examiner Initial	Document No.	Date	Country	Trans YES	slation NO
-			<u> </u>		
	OTHER PRICE ART (1	neluaing Author	r, Title, Date, Pertinent Pages, E	tc.)	
			DATE CONSIDERED		
EXAMINER - Initial is	Freference considered, whe	ther or not cit	DATE CONSIDERED ation is in conformance with MPEP form with next communication to a	609; Draw line	through citati

,

Sheet 6 of 11

				Sheet 6 of	11
FORM	PTO-1449 MODIFI	ED	Case No.	Serial	No.
List of Patents and Publications Cited by Applicant			MID-38 CON DIV	10/6	18899
(Use several	sheets if neces	ssary)			
U.S. Department	ent of Commerce rademark Office				
racene and I	rademark Office		Applicant: Hohlfe	lder et a	1
			Filing Date	Group	
· · · · · · · · · · · · · · · · · · ·			July 14, 2003	Group	
·	·	U. S. PAT	ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name	Class	Subclas
	4,978,335	12/90	Arthur, III	604	67
	5,006,112	4/91	Metzner	604	155
	5,021,046	6/91	Wallace	604	97
	5,100,380	3/92	Epstein et al	604	67
	5,101,679	4/92	Smith et al	74	424.8A
	5,106,375	4/92	Conero	604	155
	5,139,484	8/92	Hazon et al	604	154
	5,180,371	1/93	Spinello	604	118
	5,181,910	1/93	Scanlon	604	67
	5,207,645	5/93	Ross et al	604	141
	FC	OREIGN PA	TENT DOCUMENTS		
Examiner Initial	Document . No.	Date	Country	Tran: YES	slation NO
	OTHER PRIOR ART ,	Including Autho	r, Title, Eate, Pertinent Pages, E)	
EXAMINER			DATE CONSIDERED		

	•		Sheet 7 of 11			
FORM PTO-1449 MODIFIED			Case No.	Serial	No.	
List of Patents and Publications Cited by Applicant			MID-38 CON DIV	10/6	18899	
(Use several	sheets if neces	ssary)				
	ent of Commerce					
ratent and i	rademark Office		Applicant: Hohlfeld	der et a	1	
		Filing Date	Group.			
			July 14, 2003			
	·	J. S. PAT	ENT DOCUMENTS	-γ	- 	
Examiner Initial	Document No.	Date	Name .	Class	Subclass	
	5,219,099	6/93	Spence et al	222	325	
	5,236,416	8/93	McDaniel et al	604	67	
	5,242,408	9/93	Jhuboo et al	604	152	
	5,244,461	9/93	Derlien	604	65	
	5,244,463	9/93	Cordner, Jr. et al	604	131	
	5,254,096	10/93	Rondelet et al	604	152	
	5,256,157	10/93	Samiotes et al	604	246	
	5,261,884	11/93	Stern et al	604	154	
	5,269,762	12/93	Armbruster et al	604	155	
	5,295,967	3/94	Rondelet et al	604	154	
	FC	DREIGN PA	TENT DOCUMENTS			
Examiner Initial	Document No.	Date	Country	Translation YES No		
-1.2.						
	OTHER PRICE ART A	including Autho	r, Title, Date, Pertinent Pages, Etc	.)		
						
				· -		
EXAMINER			DATE CONSIDERED			
*EXAMINER: Initial i:	f reference considered. Who	ather or nor cit	cation is in conformance with MPEP 6 s form with next communication to app	Nac Seas lies	through directs	

Sheet 8 of 11

FORM	PTO-1449 MODIFI	ED	Case No.	Serial	No.
Ci	ents and Publicat ted by Applicant I sheets if neces		MID-38 CON DIV	10/6	18899
U.S. Departm Patent and T	ment of Commerce Trademark Office				
			Applicant: Hohlfe	lder et a	1
			Filing Date July 14, 2003	Group	
	Ţ	J. S. PAT	ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name	Class	Subclass
	5,300,029	4/94	Denance	604	117
	5,318,521	6/94	Slettenmark	604	67
	5,322,511	6/94	Armbruster et al	604	155
	5,354,273	10/94	Hagen	604	66
	5,368,572	11/94	Shirota	604	154
	5,370,612	12/94	Maeda et al	604	67
	5,378,231	1/95	Johnson et al	604	67
	5,389,071	2/95	Kawahara et al	604	51
	5,395,321	3/95	Kawahara et al	604	67
	5,395,340	3/95	Lee	604	151
	FC	DREIGN PA'	TENT DOCUMENTS		
Examiner Initial	Document No.	Date	Country	Trans YES	slation NO
	OTHER PRICE ART ()	including Autro	er, Title, Date, Pertinent Pages, Et	tc.)	
,					

ĺ					

Sheet 9 of 11

FORM PTO-1449 MODIFIED		Case No.	Serial	No.	
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)			MID-38 CON DIV	10/618899	
U.S. Departm Patent and T	ent of Commerce rademark Office				
			Applicant: Hohlfe	lder et a	ì
			Filing Date July 14, 2003	Group	
	į	J. S. PATI	ENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name	Class	Subclass
	5,415,528	5/95	Ogden et al	417	28
	5,423,746	6/95	Burkett et al	604	65
	5,425,716	6/95	Kawasaki et al	604	152
	5,433,704	7/95	Ross et al	604	67
	5,501,670	3/96	Sak	604	110
	5,505,709	4/96	Funderburk et al	604	155
	5,507,412	4/96	Ebert et al	222	63
	5,533,981	7/96	Mandro et al	604	208
	5,535,746	7/96	Hoover et al	128	655
	5,545,140	8/96	Conero et al	604	154
	FC	REIGN PAT	CENT DOCUMENTS		
Examiner Initial	Document No.	Date	Country	Trans YES	slation NO
	·				
			,		
	·				•
	OTHER PRIOR ART (Including Author	, Title, Date, Pertinent Pages, E	tc.)	
		······································			
		·			
					
				·	··-
EXAMINER			DATE CONSIDERED		

Sheet 10 of 11

List of Pater Cit	PTO-1449 MODIFI	ED	Case No.	Serial	No.	
Cit				ł	Serial No.	
(Use several	List of Patents and Publications Cited by Applicant (Use several sheets if necessary)			10/61	18899	
U.S. Departme	ent of Commerce	,,				
ratent and 1.	rademark Office		Applicant: Hohlfe	lder et al	L	
			Filing Date July 14, 2003	Group		
	[J. S. PAT	ENT DOCUMENTS			
Examiner Initial	Document No.	Date	Name	Class	Subclass	
i	5,558,639	9/96	Gangemi et al	604	67	
	5,593,390	1/97	Castellano et al	604	187	
	5,611,784	3/97	Barresi et al	604	211	
	5,672,155	9/97	Riley et al	604	154	
	5,681,285	10/97	Ford et al	604	151	
	5,681,286	10/97	Neihoff	604	154	
	5,690,618	11/97	Smith et al	604	232	
	5,728,074	3/98	Castellano et al	604	207	
	5,795,328	8/98	Barnitz et al	604	67	
	5,807,334	9/98	Hodosh et al	604	131	
	FC	REIGN PA	TENT DOCUMENTS			
Examiner Initial	Document No.	Date	Country	Trans YES	slation NO	
•						
	OTHER PRIOR ART (Including Autho	r, Title, Date, Pertinent Pages, Et	e.,		
		· · · · · · · · · · · · · · · · · · ·				
			····			
EXAMINER			DATE CONSIDERED	<u>-</u>		

Sheet 11 of 11

				heet 11 d	of 11	
FORM PTO-1449 MODIFIED			Case No.	Serial	Serial No.	
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)			MID-38 CON DIV	10/6	10/618899	
		ssary)				
U.S. Departm Patent and T	ent of Commerce rademark Office			;		
			Applicant: Hohlfel	der et a	1	
			Filing Date July 14, 2003	Group		
		U. S. PAT	ENT DOCUMENTS			
Examiner Initial	Document No.	Date	Name	Class	Subclass	
	5,814,015	9/98	Gargano et al	664	67	
	5,823,993	10/98	Lemelson	604	51	
	5,891,106	4/99	Butuzov et al	604	209	
	5,925,018	7/99	Ungerstedt	604	155	
	5,927,976	7/99	Wu	433	82	
	5,928,197	7/99	Niehoff	604	155	
	5,935,099	8/99	Peterson et al	604	65	
	5,938,636	8/99	Kramer et al	604	66	
	5,954,697	9/99	Srisathapat et al	604	155	
	FC	DREIGN PAT	PENT DOCUMENTS			
Examiner Initial	Document No.	Date	Country	Tran: YES	slation NO	
				123		
	OTHER FRICE ART	including Author	, Title, Date, Pertinent Pages, Etc			
			, total, batt, tertificate rages, bet			
					 .	
						
EXAMINER			DATE CONSIDERED			
EXAMINER: Initial if	reference considered, whe	ther or not cit	ation is in conformance with MPEP 6 form with next communication to ap	09; Draw line	Chrough ditation	